RADIOCHEMISTRY TECHNICIAN JOB PERFORMANCE MEASURE

TASK CODE:	TRC-A14						
TASK:	Operate a Portable Alpha Contamination Detection Instrument						
NAME:		SSN:					
2. Eberline	HP1200, Instrument and Calibration ASP-1 Technical Manual HP1100, Radiological Surveys						
-	CTIVE: ctivity needs to be determined, perform the trument per WP 12-HP1200.	pre-operational ch	necks and operate the				
CONSEQUENCES (Improper survey of Spread of contamination)		IANCE:					
HAZARDS (PERSO None	NNEL/EQUIPMENT STATUS	():					
1. CF 4.00 2. TRC-A	TRAINING/ TASK COMPLETI Series 13, Control Radioactive Sources 14, Contamination Monitoring Instrumentation						
	ATERIALS REQUIRED): riate Survey Instrumentation heck source		Portable instrument operability check form				

Instructions to Trainee: You shall acquire the necessary references and equipment, and complete all required documentation. Knowledge requirements shall be completed with 80% or greater accuracy. Critical step performance shall be completed with 100% accuracy.

Instructions to JPM Evaluator: The trainee is to perform the terminal objective, without assistance, on the job site. Provide clarification of requirements if requested by the trainee. You are encouraged to ask relevant questions to verify trainee understanding. If the trainee fails this JPM, clearly document the reason for failure and forward to the trainee's manager. Successful completion of this JPM shall be recorded on the trainee's qualification card.

KNOWLEDGE REQUIREMENTS:

Reference	Knowledge Requirement	
2	State the various scales of the ASP-1.	
2	Describe how the ASP-1 with a scintillation probe operates.	
1	State the required preoperational checks.	
1	State the required frequency for the preoperational checks.	
1	State your actions if any of the preoperational checks are unsatisfactory.	
3	Discuss how alpha contamination results are determined from counts.	
3	Discuss your actions upon the event of detecting alpha contamination.	
3	State the distance and rate of speed for alpha contamination surveys	

PERFORMANCE REQUIREMENTS:

Reference	Performance Requirement	
1	Verify the instrument is in calibration.#	
1	Perform a physical inspection of the instrument.#	
1	Perform a battery check.#	
1	Perform a source check of the instrument.#	
1	Complete and submit the portable instrument performance check sheet for review.#	
3	Determine the alpha contamination levels of a smear.#	
3	Determine the alpha contamination levels from a direct frisk.#	

3	Document the alpha contamination results in the Radiochemistry Logbook.#			
# indicates a cr	itical step			
FINAL EVAL	UATION:	PASS	FAIL	
COMMENTS	:			
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				_
EVALUATOR	SIGNATURE:		DATE:	_
TRAINEE SIG	GNATURE:		DATE:	
MANAGER S	SIGNATURE:		DATE:	